

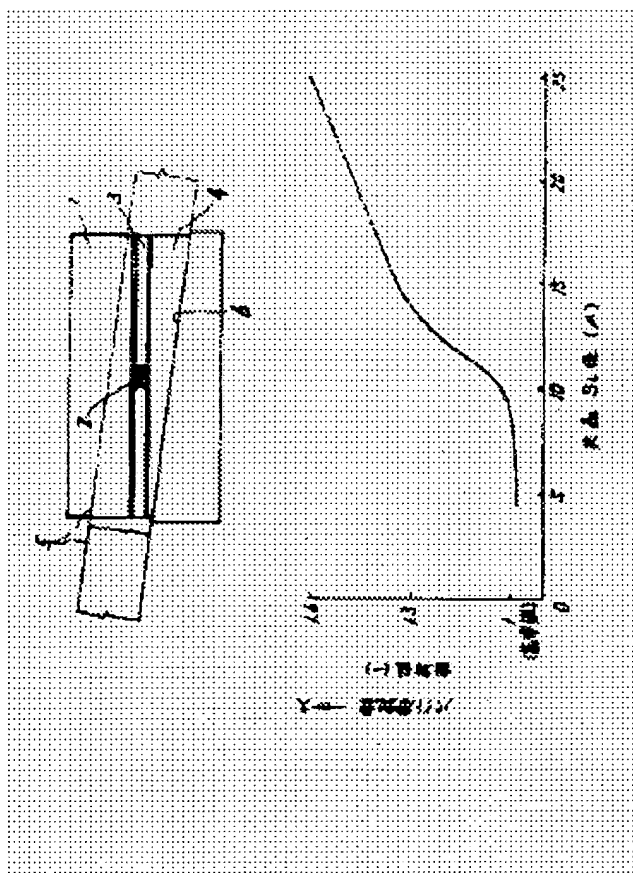
MOLDED MATERIAL HAVING SLIDE FACE OF MAGNETIC TAPE

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Abstract of JP56083865

PURPOSE:To improve wear of the molded material parts and the cutting tool with a good balance and improve corrosion resistance of the molded material parts also, by forming the tape sliding face of the drum with silicon and an aluminium alloy. **CONSTITUTION:**Magnetic tape 5 slides on slide faces of drums 1, 3 and 4. These slide faces are constituted by the aluminium alloy consisting of 5-7wt% silicon, 2wt% of less copper, and the rest including aluminium mainly. Aluminium and silicon form an eutectic crystal, and when the eutectic Si diameter is 12-13 μ or less, wear of drum materials and the cut tool can be reduced considerably.



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